

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 11-112405

(43)Date of publication of application : 23.04.1999

(51)Int.Cl.

H04B 7/26

(21)Application number : 09-341879

(71)Applicant : TOKYO DIGITAL PHONE:KK

(22)Date of filing : 28.11.1997

(72)Inventor : HIGUCHI KAZUHISA  
KAMATAKI HIDEKI

(30)Priority

Priority number : 09222079 Priority date : 05.08.1997 Priority country : JP

## (54) DIGITAL RADIO TELEPHONE SYSTEM

(57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a digital radio telephone system where an interval of intermittent reception is furthermore extended, a continuous waiting time of a mobile set is enhanced and the power consumption is reduced.

**SOLUTION:** In the digital radio telephone system, the intermittent waiting reception is conducted where a power supply of a reception section of a mobile set 15 is arisen matching a paging channel in a transmission signal that is sent from an exchange station 12 to the mobile set 15 via a base station 14 and the power supply of a reception section is interrupted for the other times.

In this case, the exchange station 12 sends a paging message in terms of an intermittent super-frame reception group and a paging channel group for which the mobile set 15 is waiting when the intermittent waiting is available, and the mobile set 15 receives notice information and locates the intermittent reception group based on contents of intermittent waiting information included in the notice information to conduct the intermittent waiting reception by using the reception group.



